CSC 413 Project Documentation

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CSC413.02

https://github.com/Gineton2/csc413-p2-Gineton2

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# Introduction

## Project Overview

## Technical Overview

## Summary of Work Completed

# Development Environment

The program was developed primarily with IntelliJ IDEA 2023.1.2 (Ultimate Edition) on Mac OS Sonoma 14.3, with Java SDK 13.0.11 for the ARM 64-bit architecture (Apple Silicon).

# How to Build/Import your Project

# How to Run your Project

# Assumption Made

# Implementation Discussion

Stack data structure with Callee function is responsible for putting the return values on top of the runtime stack. Figure from Assignment 2 Introduction lecture:

Diagram

Description automatically generated

Return steps:

1. Save return value.
2. Clear frame.
3. Clear frame pointer.
4. Push.

No constructors used for bytecodes, per recommendation in lectures.

## Class Diagram

# Project Reflection

# Project Conclusion/Results